

2003 NRI SUMMARY

MISSOURI AND UNITED STATES SURFACE AREA BY LAND COVER/USE

LAND COVER/USE CATEGORY	MO ACRES	% OF MO AREA	U.S. ACRES	% OF U.S. AREA
Cultivated Cropland	10,235,400	23%	309,900,000	16%
Non-cultivated Cropland	3,442,500	8%	58,000,000	3%
Total Cropland	13,677,900	31%	367,900,000	19%
Conservation Reserve Program	1,460,900	3%	31,500,000	2%
Pastureland	10,673,600	24%	117,000,000	6%
Rangeland	87,500	1%	405,100,000	21%
Grazed Forest Land	3,225,800	7%	54,300,000	3%
Non-grazed Forest Land	9,324,100	21%	351,300,000	18%
Total Forest Land	12,549,900	28%	405,600,000	21%
Other Rural Land	688,300	1%	50,200,000	2%
Developed Land	2,710,500	6%	108,100,000	6%
Water	845,900	2%	50,400,000	2%
Federal Land	1,919,400	4%	401,900,000	21%
TOTAL SURFACE AREA	44,613,900	100%	1,937,700,000	100%

ADVISORY: All 2003 estimates only represent 2003 conditions and cannot be used to evaluate changes from previous inventory cycles. A release of 2003 estimates with supplemental estimates that will compare net change and land cover/use dynamics with previous inventories is planned.

DEFINITIONS OF NRI LAND COVER/USE CATEGORIES:

Cropland - Cultivated and non-cultivated land used for the production of adapted crops for harvest.

Conservation Reserve Program (CRP) - Land under a CRP contract. CRP is a federal program established under the Food Security Act of 1985 to assist private land owners in converting highly erodible cropland to vegetative cover for 10 years.

Pastureland - Land used for the production of introduced forage plants for livestock grazing.

Rangeland - Land on which the climax vegetation is composed of native grasses, grass-like plants, forbs or shrubs suitable for grazing or browsing and introduced forage species managed as rangeland.

Forest Land - Land that is at least 10 percent stocked by single-stemmed woody species with an areal canopy cover of 25 percent or greater.

Other Rural Land - Land that includes farmsteads and other farm structures, field windbreaks, barren land and marshland.

Developed Land - A combination of land cover/use categories including small and large urban and built-up areas and rural transportation land (highways, roads, railroads and associated right-of-ways outside urban and built-up areas).

Water - Water bodies and streams that are permanent open water.

Federal Land - Land owned by the federal government, excluding trust lands administered by federal agencies.

National estimates cover the contiguous 48 states.

2003 NRI SUMMARY

MISSOURI CROPLAND EROSION IN RELATIONSHIP TO "T"

CROPLAND CATEGORY	ACRES	% OF CATEGORY	% OF ALL CROPLAND	% OF TOTAL SURFACE AREA
Highly Erodible Cropland at or below "T"	2,595,300	48%	19%	6%
Highly Erodible Cropland above "T"	2,844,200	52%	21%	7%
Highly Erodible Cropland Total	5,439,500	100%	40%	13%
Non-Highly Erodible Cropland at or below "T"	7,258,600	88%	53%	16%
Non-Highly Erodible Cropland above "T"	979,800	12%	7%	2%
Non-Highly Erodible Cropland Total	8,238,400	100%	60%	18%
All Cropland at or below "T"	9,853,900	NA	72%	22%
All Cropland above "T"	3,824,000	NA	28%	9%
All Cropland Total	13,677,900	NA	100%	31%

ADVISORY: Cropland is an NRI category that includes two subcategories: cultivated and noncultivated. Cultivated cropland comprises land in row crops or close-grown crops and also other cultivated cropland, for example, hay land or pastureland that is in rotation with row or close-grown crops. Noncultivated cropland includes permanent hay land and horticultural crops

"T" is the soil loss factor used in conjunction with the Universal Soil Loss Equation to estimate annual soil loss from sheet and rill erosion. It is the maximum rate of annual soil erosion that will permit crop productivity to be sustained economically and indefinitely. Highly erodible land equates to lands with erodibility index (EI) scores of 8 or above. The EI is a numerical expression of the potential of a soil to erode, considering the physical and chemical properties of the soil and climatic conditions where it is located. The higher the index score, the greater the investment needed to maintain the sustainability of the soil resource base if intensively cropped.

2003 NRI SUMMARY

STATES WITH USLE SOIL LOSS RATES ON CROPLAND GREATER THAN 3 TONS/ACRE/YEAR

STATE	EROSION IN TONS per ACRE per YEAR
Alabama	5.2
Iowa	5
Georgia	4.7
Mississippi	4.6
Missouri	4.1
Washington	4.1
Illinois	4
Tennessee	3.6
Maryland	3.6
Pennsylvania	3.6
New Jersey	3.5
Virginia	3.4
Indiana	3.2
North Carolina	3.1
Wisconsin	3.1
Arkansas	3.1
Louisiana	3.1

2003 NRI SUMMARY

STATES WITH MORE THAN 10 MILLION ACRES OF GRAZING LAND

STATE	PASTURE- LAND	RANGE- LAND	GRAZED FOREST LAND	TOTAL GRAZING LAND	TOTAL SURFACE AREA	% OF TOTAL SURFACE AREA IN GRAZING LAND
Texas	15,836,300	96,109,300	1,937,000	113,882,600	171,051,900	67%
New Mexico	232,100	39,955,500	4,751,600	44,939,200	77,823,300	57%
Montana	3,594,400	36,697,900	3,190,400	43,482,700	94,110,000	46%
Wyoming	1,081,000	27,535,500	774,700	29,391,200	62,602,800	47%
Oklahoma	8,458,100	14,129,100	5,368,800	27,956,000	44,738,100	62%
Colorado	1,001,800	24,790,600	2,039,800	27,832,200	66,624,500	56%
Nebraska	1,849,900	23,077,700	561,200	25,488,800	49,509,600	51%
South Dakota	1,985,400	22,054,300	413,900	24,453,600	49,358,000	50%
California	1,188,600	17,758,000	5,315,700	24,262,300	101,510,000	24%
Kansas	2,397,800	15,844,400	767,500	19,009,700	52,660,800	36%
Oregon	1,761,300	9,379,400	3,262,100	14,402,800	62,161,000	23%
Missouri	10,673,600	87,500	3,225,800	13,896,900	44,613,900	31%
Utah	722,400	10,666,900	1,395,500	12,784,800	54,338,900	27%
North Dakota	951,200	11,078,100	238,100	12,267,400	45,250,700	27%
Washington	1,080,000	27,535,500	774,700	10,070,000	44,035,300	23%

2003 NRI SUMMARY

STATES WITH MORE THAN 10 MILLION ACRES OF CROPLAND

STATE	CULTIVATED CROPLAND	NON-CULTIVATED CROPLAND	TOTAL CROPLAND	TOTAL SURFACE AREA	% OF TOTAL SURFACE AREA IN CROPLAND
Kansas	24,618,900	1,847,400	26,466,300	52,660,800	50%
Texas	24,853,400	708,900	25,562,300	171,051,900	15%
Iowa	24,151,600	1,359,500	25,511,100	36,016,500	71%
North Dakota	22,011,100	2,255,400	24,266,300	45,250,700	54%
Illinois	23,298,900	681,600	23,980,500	36,058,700	67%
Minnesota	19,094,600	2,005,000	21,099,600	54,009,900	39%
Nebraska	17,745,200	1,807,100	19,552,300	49,509,600	39%
South Dakota	14,463,000	2,623,600	17,086,600	49,358,000	35%
Montana	11,408,800	3,117,800	14,526,600	94,110,000	15%
Missouri	10,235,400	3,442,500	13,677,900	44,613,900	31%
Indiana	12,535,300	780,300	13,315,600	23,158,400	57%
Ohio	9,677,500	1,565,800	11,243,300	26,444,800	43%

2003 NRI SUMMARY

STATES WITH MORE THAN 10 MILLION ACRES OF CULTIVATED CROPLAND

STATE	CULTIVATED CROPLAND	TOTAL SURFACE AREA	% OF TOTAL SURFACE AREA IN CULTIVATED CROPLAND
Texas	24,853,400	171,051,900	15%
Kansas	24,618,900	52,660,800	47%
Iowa	24,151,600	36,016,500	67%
Illinois	23,298,900	36,058,700	65%
North Dakota	22,011,100	45,250,700	52%
Minnesota	19,094,600	54,009,900	35%
Nebraska	17,745,200	49,509,600	36%
South Dakota	14,463,000	49,358,000	29%
Indiana	12,535,300	23,158,400	54%
Montana	11,408,800	94,110,000	12%
Missouri	10,235,400	44,613,900	23%

2003 NRI SUMMARY

STATES WITH MORE THAN 10 MILLION ACRES OF FOREST LAND

STATE	GRAZED FOREST LAND	NON-GRAZED FOREST LAND	TOTAL FOREST LAND	TOTAL SURFACE AREA	% OF TOTAL SURFACE AREA IN FOREST LAND
Georgia	294,600	21,598,600	21,893,200	37,740,500	58%
Alabama	695,900	20,834,100	21,530,000	33,423,800	64%
Maine	800	17,619,500	17,620,300	20,966,200	84%
New York	145,600	17,452,900	17,598,500	31,360,800	56%
Mississippi	667,300	16,087,300	16,754,600	30,527,300	55%
Michigan	61,700	16,646,500	16,708,200	37,349,200	45%
Minnesota	796,700	15,559,800	16,356,500	54,009,900	30%
Pennsylvania	187,400	15,443,300	15,630,700	28,995,200	54%
North Carolina	173,100	15,283,000	15,456,100	33,709,300	46%
Arkansas	1,814,200	13,193,600	15,007,800	34,036,900	44%
Wisconsin	581,700	13,946,500	14,528,200	35,920,000	40%
California	5,315,700	8,587,500	13,903,200	101,510,200	14%
Louisiana	894,900	12,442,800	13,337,700	31,376,800	43%
Virginia	376,000	12,805,500	13,181,500	27,087,100	48%
Oregon	3,262,100	9,471,500	12,733,600	62,161,000	20%
Florida	1,184,100	11,548,600	12,732,700	37,533,700	34%
Washington	3,128,900	9,578,200	12,707,100	44,035,300	29%
Missouri	3,225,800	9,324,100	12,549,900	44,613,900	28%
Tennessee	725,200	11,234,100	11,959,300	26,973,600	44%
South Carolina	117,400	11,043,800	11,161,200	19,939,300	56%
Texas	1,937,000	8,676,100	10,613,100	171,051,900	6%
West Virginia	748,600	9,807,600	10,556,200	15,508,200	68%
Kentucky	894,500	9,615,600	10,510,100	25,863,400	41%

2003 NRI SUMMARY

TOTAL SURFACE AREA BY LAND COVER/USE SHEET AND RILL EROSION RATES ON CROPLAND % OF CROPLAND ERODING ABOVE "T"

MISSOURI AND SURROUNDING STATES

STATE	CROP ACRES	CRP ACRES	PASTURE ACRES	RANGE ACRES	FOREST ACRES	OTHER RURAL LAND ACRES
Missouri	13,677,900	1,460,900	10,673,600	87,500	12,549,900	688,300
Iowa	25,511,100	1,480,600	3,460,500	0	2,301,300	833,200
Nebraska	19,552,300	1,083,200	1,849,900	23,077,700	812,100	779,400
Kansas	26,466,300	2,607,200	2,397,800	15,844,400	1,549,300	726,600
Oklahoma	8,971,300	1,003,200	8,458,100	14,129,100	7,367,900	450,500
Arkansas	7,522,000	146,000	5,322,100	37,800	15,007,800	392,800
Tennessee	4,750,000	232,900	4,756,600	0	11,959,300	571,600
Kentucky	5,478,500	270,200	5,147,900	0	10,510,100	534,300
Illinois	23,980,500	635,200	2,254,000	0	3,949,300	675,500

STATE	DEVELOPED LAND ACRES	WATER ACRES	FEDERAL LAND ACRES	TOTAL SURFACE ACRES	USLE RATE tons/ac/yr	% CROP- LAND ERODING ABOVE "T"
Missouri	2,710,500	845,900	1,919,400	44,613,900	4.1	28%
Iowa	1,779,300	478,100	172,400	36,016,500	5	30%
Nebraska	1,233,900	473,500	647,600	49,509,600	2.6	25%
Kansas	2,025,300	539,900	504,000	52,660,800	2.1	16%
Oklahoma	2,130,700	1,079,000	1,148,300	44,738,100	2.5	24%
Arkansas	1,603,300	900,900	3,104,200	34,036,900	3.1	20%
Tennessee	2,616,400	784,200	1,302,600	26,973,600	3.6	25%
Kentucky	2,000,200	626,800	1,295,400	25,863,400	2.4	19%
Illinois	3,347,300	725,800	491,100	36,058,700	4	36%

2003 NRI SUMMARY

CROPLAND CHARACTERISTICS

NRCS CENTRAL REGION

STATE	CULTIVATED CROPLAND	NON- CULTIVATED CROPLAND	TOTAL CROPLAND	% OF ALL CROPLAND ERODING ABOVE "T"	USLE RATE ON CROPLAND tons/acre/year
Missouri	10,235,400	3,442,500	13,677,900	28%	4.1
Iowa	24,151,600	1,359,500	25,511,100	30%	5
Nebraska	17,745,200	1,807,100	19,552,300	25%	2.6
Kansas	24,618,900	1,847,400	26,466,300	16%	2.1
Oklahoma	8,380,400	590,900	8,971,300	24%	2.5
Arkansas	7,250,500	271,500	7,522,000	20%	3.1
Illinois	23,298,900	681,600	23,980,500	36%	4
Louisiana	5,186,300	248,700	5,435,000	16%	3.1
Minnesota	19,094,600	2,005,000	21,099,600	38%	1.7
North Dakota	22,011,100	2,255,400	24,266,500	40%	1.4
South Dakota	14,463,000	2,623,600	17,086,600	20%	1.8
Texas	24,853,400	708,900	25,562,300	47%	2.5
Wisconsin	7,789,700	2,513,900	10,303,600	23%	3.1
REGION	209,079,000	20,356,000	229,435,000	30%	3.1
U.S.	309,900,000	58,000,000	367,900,000	28%	2.6
REGION % OF U.S.	67%	35%	62%		
MO % OF REGION	5%	17%	6%		
MO % OF U.S.	3%	6%	4%		

2003 NRI SUMMARY

CROPLAND CHARACTERISTICS

NRCS CENTRAL REGION

STATE	TOTAL HEL CROPLAND	HEL CROPLAND ERODING AT OR BELOW "T"	HEL CROPLAND ERODING ABOVE "T"	% OF HEL CROPLAND ERODING ABOVE "T"
Missouri	5,439,500	2,595,300	2,844,200	52%
Iowa	7,186,900	1,495,800	5,691,100	79%
Nebraska	6,576,000	2,777,200	3,798,800	58%
Kansas	8,100,700	5,875,900	2,224,800	27%
Oklahoma	2,207,100	1,077,200	1,129,900	51%
Arkansas	280,600	119,800	160,800	60%
Illinois	3,626,400	599,100	3,027,300	83%
Louisiana	242,800	141,400	101,400	42%
Minnesota	1,510,100	593,300	916,800	61%
North Dakota	4,583,000	2,112,100	2,470,900	54%
South Dakota	2,320,800	1,043,000	1,277,800	55%
Texas	8,995,100	2,611,500.00	6,383,600	71%
Wisconsin	2,993,700	1,384,700	1,609,000	54%
REGION	54,062,700	22,426,300	31,636,400	59%
U.S.	100,203,400	46,103,400	54,100,000	54%
REGION % OF U.S.	54%	49%	58%	
MO % OF REGION	10%	12%	9%	
MO % OF U.S.	5%	6%	5%	

2003 NRI SUMMARY

CROPLAND CHARACTERISTICS

NRCS CENTRAL REGION

STATE	TOTAL NON-HEL CROPLAND	NON-HEL CROPLAND ERODING AT OR BELOW "T"	NON-HEL CROPLAND ERODING ABOVE "T"	% OF NON-HEL CROPLAND ERODING ABOVE "T"
Missouri	8,238,400	7,258,600	979,800	12%
Iowa	18,324,200	16,426,400	1,897,800	10%
Nebraska	12,976,300	11,857,800	1,118,500	9%
Kansas	18,365,600	16,396,900	1,968,700	11%
Oklahoma	6,764,200	5,758,700	1,005,500	17%
Arkansas	7,241,400	6,056,500	1,184,900	16%
Illinois	20,354,100	17,762,300	2,591,800	13%
Louisiana	5,192,200	4,444,900	747,300	17%
Minnesota	19,589,500	12,496,000	7,093,500	36%
North Dakota	19,683,500	12,557,900	7,125,600	36%
South Dakota	14,765,800	12,578,700	2,187,100	15%
Texas	16,567,200	10,898,500	5,668,700	34%
Wisconsin	7,309,900	6,539,600	770,300	11%
REGION	175,372,300	141,032,800	34,339,500	20%
U.S.	267,660,600	219,772,900	47,887,700	18%
REGION % OF U.S.	66%	64%	72%	
MO % OF REGION	5%	5%	3%	
MO % OF U.S.	3%	3%	2%	

2003 NRI SUMMARY

LAND COVER/USE & EROSION

NRCS CENTRAL REGION

STATE	CROP	CRP	PASTURE	RANGE	FOREST	OTHER RURAL LAND
Missouri	13,677,900	1,460,900	10,673,600	87,500	12,549,900	688,300
Iowa	25,511,100	1,480,600	3,460,500	0	2,301,300	833,200
Nebraska	19,552,300	1,083,200	1,849,900	23,077,700	812,100	779,400
Kansas	26,466,300	2,607,200	2,397,800	15,844,400	1,549,300	726,600
Oklahoma	8,971,300	1,003,200	8,458,100	14,129,100	7,367,900	450,500
Arkansas	7,522,000	146,000	5,322,100	37,800	15,007,800	392,800
Illinois	23,980,500	635,200	2,254,000	0	3,949,300	675,500
Louisiana	5,435,000	200,500	2,249,300	283,500	13,337,700	2,940,100
Minnesota	21,099,600	1,422,700	3,590,600	0	16,356,500	2,741,300
North Dakota	24,266,500	3,203,500	951,200	11,078,100	466,500	1,408,600
South Dakota	17,086,600	1,296,900	1,985,400	22,054,300	503,100	1,458,200
Texas	25,562,900	3,993,200	15,836,300	96,109,300	10,613,100	2,286,300
Wisconsin	10,303,600	578,300	3,081,200	0	14,528,200	1,700,400
REGION TOTAL	229,435,000	19,111,400	62,100,000	182,701,700	99,342,700	17,081,200
U.S. TOTAL	367,900,000	31,500,000	117,000,000	405,100,000	405,600,000	502,000,003
% OF U.S. TOTAL	62%	61%	53%	45%	24%	34%
MO % OF REGION	6%	8%	17%	<1%	13%	4%
MO % OF U.S.	4%	5%	9%	<1%	3%	<1%

STATE	DEVELOPED LAND	WATER	FEDERAL LAND	TOTAL SURFACE	USLE RATE tons/ac/yr	% CROPLAND ABOVE "T"
Missouri	2,710,500	845,900	1,919,400	44,613,900	4.1	28%
Iowa	1,779,300	478,100	172,400	36,016,500	5	30%
Nebraska	1,233,900	473,500	647,600	49,509,600	2.6	25%
Kansas	2,025,300	539,900	504,000	52,660,800	2.1	16%
Oklahoma	2,130,700	1,079,000	1,148,300	44,738,100	2.5	24%
Arkansas	1,603,300	900,900	3,104,200	34,036,900	3.1	20%
Illinois	3,347,300	725,800	491,100	36,058,700	4	36%
Louisiana	1,801,700	3,819,000	1,310,000	31,376,800	3.1	16%
Minnesota	2,321,800	3,141,300	3,336,100	54,009,900	1.7	38%
North Dakota	1,007,300	1,084,200	1,784,800	45,250,700	1.4	40%
South Dakota	981,200	880,100	3,112,200	49,358,000	1.8	20%
Texas	9,656,400	4,085,100	2,909,900	171,051,900	2.5	47%
Wisconsin	2,595,300	1,287,700	1,845,300	35,920,000	3.1	23%
REGION TOTAL	33,194,000	19,340,500	22,285,200	684,601,800	3.1	30%
U.S. TOTAL	108,100,000	50,400,000	401,900,000	1,937,700,000	2.6	28%
% OF U.S. TOTAL	31%	38%	6%	35%		
MO % OF REGION	8%	4%	9%	7%		
MO % OF U.S.	3%	2%	<1%	2%		

2003 NRI SUMMARY

GRASSLAND

NRCS CENTRAL REGION

STATE	HAY LAND	PASTURE LAND	RANGE LAND	CRP LAND	GRAZED FOREST LAND	TOTAL GRASS LAND	TOTAL AREA	% OF TOTAL AREA GRASS LAND
Missouri	3,442,500	10,673,600	87,500	1,460,900	3,225,800	18,890,300	44,613,900	42%
Iowa	1,359,500	3,460,500	0	1,480,600	776,000	7,076,600	36,016,500	20%
Nebraska	1,807,100	1,849,900	23,077,700	1,083,200	108,400	27,926,300	49,509,600	56%
Kansas	1,847,400	2,397,800	15,844,400	2,607,200	767,500	23,464,300	52,660,800	45%
Oklahoma	590,900	8,458,100	14,129,100	1,003,200	5,368,800	27,709,500	44,738,100	62%
Arkansas	271,500	5,322,100	37,800	146,000	1,814,200	7,591,600	34,036,900	22%
Illinois	681,600	2,254,000	0	635,200	416,900	3,987,700	36,058,700	11%
Louisiana	248,700	2,249,300	283,500	200,500	894,900	3,876,900	31,376,800	12%
Minnesota	2,005,000	3,590,600	0	1,422,700	796,700	7,815,000	54,009,900	14%
North Dakota	2,255,400	951,200	11,078,100	3,203,500	231,100	17,719,300	45,250,700	39%
South Dakota	2,623,600	1,985,400	22,054,300	1,296,900	413,900	28,374,100	49,358,000	57%
Texas	708,900	15,836,300	96,109,300	3,993,200	1,937,000	118,584,700	171,051,900	69%
Wisconsin	2,513,900	3,081,200	0	578,300	581,700	6,755,100	35,920,000	19%
REGION	20,356,000	62,100,000	182,701,700	19,111,400	17,332,900	299,771,400	684,601,800	44%
U.S.	58,000,000	117,000,000	405,100,000	31,500,000	54,300,000	NA	1,937,700,000	
REGION % OF U.S.	35%	53%	45%	61%	32%	NA	35%	
MO % OF REGION	17%	17%	<1%	8%	19%	6%	7%	
MO % OF U.S.	6%	9%	<1%	5%	6%	NA	2%	